Innovative lighting engineered for seamless integration into the DESIGNFlex™ Ceiling System by Armstrong® Ceiling Solutions
The T-BAR FLEX™

JLC-Tech, a pioneer for architecturally integrated LED lighting solutions, in partnership with Armstrong® Ceiling Solutions, brings to you a new way to reinvent your ceiling with shapes and light.

Introducing the T-BAR FLEX™, a truly integrated lighting solution for the DESIGNFlex™ Ceiling System. Utilizing JLC-Tech’s patented technology of replacing the cross tees in a suspended ceiling, you can create lighting layouts like never before: From zig-zag linear patterns, to geometric shapes, the possibilities are endless.

JLC-Tech – “It takes a genius to make it simple.”
Installation with Armstrong® is tool-free

The XM clip, specifically designed for JLC-Tech, is mounted at each end of the T-BAR FLEX for easy installation into the DESIGNFlex™ Ceiling System by Armstrong® Ceilings. It allows the fixture to become a part of the certified ceiling assembly, eliminating the need for support wires. T-BAR FLEX replaces selected cross tees of the 15/16" or 9/16" suspension system where light is desired. (See installation instruction for more details.)

T-BAR FLEX™ key benefits

no plenum occupancy
The minimalistic low profile lighting leaves the space above the ceiling completely unoccupied and facilitates the placement of other ceiling utilities.

improved acoustics
The clean modern lights occupy the grid, allowing for the use of uninterrupted ceiling panels, creating a uniform ceiling design and optimizing sound absorption and light reflectance.

reduce and save
Installation is a snap and requires no tools.

even foot candles
The versatile lighting can be placed in the ceiling wherever light is needed or desired, resulting in a more uniform illumination and the ability to achieve the required foot candles.

example lighting layout of 60º triangle

Room dimensions:
20' 9" X 20'
ceiling height – 9ft

Quantity of product:
T-BAR FLEX 48" OC, 60º 9/16" (4000K)

Average foot candle achieved at desk: 51.15 FC

Foot candle at desk
The T-BAR FLEX™ is specifically designed for DESIGNFlex™ Ceilings Systems by Armstrong® Ceilings. To learn more about this ceiling system visit www.armstrongceilings.com/designflex.

For square and rectangle patterns please refer to T-BAR LED™ product line at www.tbarledsmartlight.com.
## T-BAR FLEX™ | Order Specification Guide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Type of LED/K Color</th>
<th>Size</th>
<th>Grid Type</th>
<th>Optic</th>
<th>Mounting Clips</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBFL = T-BAR FLEX</td>
<td>HW = Warm White 3000K</td>
<td>16 = 24° OC, 75°</td>
<td>24 = 15/16&quot;</td>
<td>D = Diffusing Lens</td>
<td>A = Armstrong® Ceilings</td>
<td>W = White</td>
</tr>
<tr>
<td></td>
<td>MW = Medium Warm 3500K</td>
<td>22 = 24° OC, 60°</td>
<td>15 = 9/16&quot;</td>
<td>B = Block Clear Diffusing Lens</td>
<td></td>
<td>C = Custom</td>
</tr>
<tr>
<td></td>
<td>MN = Medium Neutral 4000K</td>
<td>30 = 24° OC, 45°</td>
<td></td>
<td>B2 = Block Frosted Diffusing Lens</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>HN = Neutral White 4500K</td>
<td>41 = 48° OC, 75°</td>
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<tr>
<td></td>
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<td>49 = 48° OC, 60°</td>
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<td></td>
<td>64 = 48° OC, 45°</td>
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</tbody>
</table>

**Diffusing Lens Profile Dimensions**

- **24**
  - 2" (51mm)
  - 0.63" (15mm)
  - 15/16" (24mm)

- **15**
  - 2" (51mm)
  - 0.63" (15mm)
  - 9/16" (15mm)

**Block Diffusing Lens Profile Dimensions**

- **24**
  - 2.98" (75.7mm)
  - 15/16" (24mm)
  - 1.56" (39.7mm)
  - 0.95" (24mm)

- **15**
  - 2.74" (75.7mm)
  - 9/16" (15mm)
  - 1.33" (33.68mm)
  - 0.71" (18mm)

**PHOTOMETRICS:**

- Diffusing Lens
- Clear Block Diffusing Lens
- Frosted Block Diffusing Lens

**NOTES:**

- T-BAR FLEX is designed for seamless integration into DESIGNFlex™ Ceiling Systems by Armstrong® Ceilings. Create unique shapes and patterns beyond the traditional ceiling layout. Armstrong Ceiling clips allow for easy installation, just as you would install a typical cross tee.

**APPLICATIONS:**

- Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

**MOUNTING:**

- Integrates with Armstrong Ceilings DESIGNFlex 15/16" Prelude® and 9/16" Suprafine® Suspension Systems.

**MATERIALS:**

- Anodized and painted aluminum extruded body, steel mounting clips, white PC end caps, high transmitting acrylic PMMA lens.

**ELECTRIC:**

- Universal input voltage of 120V – 277VAC. Junction box installed on fixture with integral driver and wire nuts inside for connection to line voltage and 0-10VDC dimming system. Fixture must be installed in accordance with local electrical codes.

**WARRANTY:**

- 5 years

**LISTINGS:**

- ETL/cETLus CE RoHS Indoor use only.

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Made in USA

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